The Journal of Parasitology

The Official Organ of the American Society of Parasitologists

Founded by HENRY BALDWIN WARD

VOLUME XXXIV
1948

EDITORIAL BOARD

ELERY R. BECKER
Iowa State College

EDMOND M. CABLE
Purdue University

WILLIAM L. JELLISON
U. S. Public Health Service

RICHARD PORTER
University of Michigan

CHARLES W. REES
National Institute of Health

LLOYD E. ROZEBOOM
Johns Hopkins University

LLOYD A. SPINDLER
U. S. Department of Agriculture

NORMAN R. STOLL
Rockefeller Institute for Medical Research

WILLIAM TRAGER
Knox College

ARTHUR C. WALTON
Rockefeller Institute for Medical Research

GEORGE W. WHARTON
Duke University

EDITORIAL COMMITTEE

WILLIAM W. CORT, Chairman
School of Hygiene and Public Health
Johns Hopkins University
615 N. Wolfe St., Baltimore 5, Md.

WILLIAM A. RILEY
University of Minnesota

DAVID H. WENRICH
University of Pennsylvania

Digitized by the Internet Archive
in 2025

BUSINESS PRESS, INC.
LANCASTER, PA.

https://archive.org/details/journal-of-parasitology_1948_32_contents

CONTENTS OF VOLUME 34

FEBRUARY, 1948, NUMBER 1

Van Cleave, Harley J. Expanding Horizons in the Recognition of a Phylum 1

Self, J. Teague and Frank B. McMurry. *Porocephalus crotali* Humbolt (Pentastomida) in Oklahoma 21

Williams, Roger Wright. Studies on the Life Cycle of *Litomosoides carinii*, Filariid Parasite of the Cotton Rat, *Sigmodon hispidus litoralis* 24

Gassner, F. X. and Maurice T. James. The Biology and Control of the Fox Maggot, *Wohlfahrtia opaca* (Coq.) 44

Lincicome, David Richard. Observations on *Neoechinorhynchus emydis* (Leidy), An Acanthocephalan Parasite of Turtles 51

Knipling, E. F., R. C. Bushland, F. H. Babers, G. H. Culpepper, and E. S. Raun. Evaluation of Selected Insecticides and Drugs as Chemotherapeutic Agents Against External Bloodsucking Parasites 55

Research Notes:

Farrell, Charles E. and G. W. Wharton. A Successful Method for Shipping Larval Trombiculids (Chiggers) 71

Read, Clark P. *Spirometra* from Texas Cats 71

Hood, Marion. *Diphyllobothrium* Infection in Florida 72

Fourth International Congresses on Tropical Medicine and Malaria 73

APRIL, 1948, NUMBER 2

Gerichter, Ch. B. Three New Species of the Genus *Metathelazia* (Nematoda) 75

Webster, J. Dan. A New Acanthocephalan from the Bob-White 84

Tiner, Jack D. *Syphacia eutamii* n. sp. from the Least Chipmunk, *Eutamias minimus*, With a Key to the Genus (Nematoda: Oxyuridae) 87

Webster, J. Dan. Two Cestodes from a Nighthawk 93

Angulo, Juan J. and Agustin L. Roque. A Multilocular Coenurus of *Multiceps* sp. in *Capromys pilorides* (Say, 1822) Desmarest, 1822 96

Bijlmer, J. On the Recovery of Protozoa and Eggs of Some Species of Helminths in Human Feces 101

Seamster, Aaron and Arthur L. Stevens. A New Species of *Prosthodendrium* (Trematoda: Lecithodendriidae) from the Large Brown Bat 108

Seamster, Aaron. Two New Dactylogyridae (Trematoda: Monogenea) from the Golden Shiner 111

Hitchcock, Dorothy J. The Inhibition of Bacteria by the Metabolic Products of Trichomonads 114

Olsen, O. Wilford. Wild Rabbits as Reservoir Hosts of the Common Liver Fluke, *Fasciola hepatica*, in Southern Texas 119

Faust, Ernest Carroll and C. Bonne. Mammalian Blood Flukes of Celebes 124

Scott, J. Allen. An Apparatus for Removing Tropical Rat Mites from Large Quantities of Bedding Materials 132

Thurman, Jr., D. C., Nina Branch, and John A. Mulrennan. Description of the Male of *Androlaelaps setosus* Fox (Acarina: Laelaptidae) 134

McKay, Francis and Neal F. Morehouse. Studies on Experimental Blackhead Infection in Turkeys 137

Pfeiffer, A. V. Effect of Streptomycin on *Endolimax nana in Vitro* 142

Stabler, Robert M. Variations in Virulence of Strains of *Trichomonas gallinae* in Pigeons 147

Stabler, Robert M. Protection in Pigeons against Virulent *Trichomonas gallinae* Acquired by Infection with Milder Strains 150

Kohls, Glen M. *Haemaphysalis ratti*, a New Species of Tick from Rats in New Guinea and *Haemaphysalis krijgsmani*, New Name for *Haemaphysalis novae-guineae* Krijgsman and Ponto, 1932, Pre-occupied 154

Levine, Milton D., Ray F. Garzoli, Robert E. Kuntz, and John H. Killough On the Demonstration of Hyaluronidase in Cercariae of *Schistosoma mansoni* 158

Research Notes:

Tobie, Eleanor Johnson and Charles W. Rees. The Cultivation of *Trypanosoma cruzi* in Dialysate Medium 162

Read, Clark P. A New Capillarid Nematode from the Spiny Dogfish, *Squalus acanthius* ... 163
Dickerman, E. Eugene. On the Life Cycle and Systematic Position of the Aspidogastrid Trematode, *Cotylogaster occidentalis* Nickerson, 1902 ... 164
Scheffer, Victor B. Use of Vernacular Names, Sea-Lion and Fur Seal ... 164
Stoll, Norman R. In Memoriam: Rudolf W. Glaser (1888–1947) ... 165

JUNE, 1948, NUMBER 3

Philip, Cornelius B. Tsutsugamushi Disease (Scrub Typhus) in World War II ... 169
Frick, Lyman P. and James E. Ackert. Further Studies on Duodenal Mucus as a Factor in Age Resistance of Chickens to Parasitism ... 192
Chandler, Asa C. and Robert Rausch. A Contribution to the Study of Certain Avian Strigeids (Trematoda) ... 207
Stunkard, Horace W. Pseudophyllidean Cestodes from Alaskan Pinnipeds ... 211
Young, Viola Mae and Oscar Felsenfeld. The Occurrence of Intestinal Protozoa in Adults in San Juan, Puerto Rico ... 229
Weinstein, Paul P. and Harry D. Pratt. The Laboratory Infection of *Triatoma neotomae* Neiva with *Trypanosoma cruzi* Chagas and Subsequent Transmission to White Mice ... 231
Hewitt, Redginal, Wyeth Wallace, Elizabeth White, and Y. Subbarow. The Treatment of Ascariasis in Dogs with 1-Diethylcarbamyl-4-Methylpiperazine Hydrochloride ... 237
Short, Robert B. Hermaphrodites in a Puerto Rican Strain of *Schistosoma mansoni* ... 240
Rendtorff, R. C. Investigations on the Life Cycle of *Oöchoristica ratti*, a Cestode from Rats and Mice ... 243
Research Notes:
Mohr, J. L. and J. A. LeVeque. Occurrence of *Conidophrys pilisuctor* on *Corophium acherusicum* in Californian Waters ... 253
Tiner, Jack D. and Ta Hsiung Chin. The Occurrence of *Ascaris lumbricoides* L. 1758 in the Muskrat, *Ondatra zibethica* L. ... 253
Jeffery, Geoffrey and Jose Oliver-Gonzales. Absence of *Trichinella spiralis* in Rats in Puerto Rico ... 254
American Society of Parasitologists.
Thirty-seventh Council Meeting, Chicago, Ill., December 29, 1947. Twenty-second Annual Business Meeting, Chicago, Ill., December 30, 1947 ... 255

AUGUST, 1948, NUMBER 4

Symposium on Exoerythrocytic Forms of Malarial Parasites.
Huff, Clay G. I. Introduction ... 261
Huff, Clay G. and Frederick Coulston. II. A Search for Pre-Erythrocytic Stages of *P. vivax* and *P. cynomolgi* ... 264
Coatney, G. Robert and W. Clark Cooper. III. The Chemotherapy of Malaria in Relation to Our Knowledge of Exoerythrocytic Forms ... 275
Coulston, Frederick and Clay G. Huff. IV. The Chemotherapy and Immunity of Pre-Erythrocytic Stages in Avian Malaria ... 290
Porter, Richard J. V. Studies in Tissue Culture of Exoerythrocytic Schizogony in Avian Malarial Parasites ... 300
Haas, Victor H., Aimee Wilcox, Raymond L. Laird, Frances Moore Ewing, and Nell Coleman. VI. Response of Exoerythrocytic Forms to Alterations in the Life-Cycle of *Plasmodium gallinaceum* ... 306
Bush, Donald Lee. Experimental Transmission of the "3M" Strain of *Plasmodium cathemerium* to the Duck and its Chemotherapeutic Suitability for Routine Antimalarial Screening ... 321
Tiner, Jack D. *Rictularia dipodomis* n. sp. (Nematoda: Thelaziidae) from the Kangaroo Rat *Dipodomys* sp. ... 332
Jameson, Jr., E. W. Myobiid Mites (Acarina: Myobiidae) from Shrews (Mammalia: Soricidae) of Eastern North America ... 336
Calero, Carlos. Cutaneous Myiasis in Panama ... 343
Camin, Joseph Harvey. Mite Transmission of a Hemorrhagic Septicemia in Snakes 345

OCTOBER, 1948, NUMBER 5

Nagaty, H. F. Trematodes of Fishes from the Red Sea: Part 4. On Some New and Known Forms With a Single Testis ... 355

Lawrence., R. F. Studies on Some Parasitic Mites from Canada and South Africa 364
Mao, C. P. and L. LI. Snail Hosts of *Schistosoma japonicum* in the Soochow-Wusih Area, Kiangsu, China ... 380
Baker, Edward W. and R. W. Strandtmann. *Myrmonyssus chapmani,* a New Species of Hypoaspid Mite (Acarina: Laelaptidae) ... 386
Trager, William. The Resistance of Egg-Laying Ducks to Infection by the Malaria Parasite, *Plasmodium lophurae* ... 389
Gursch, Otto F. Effects of Digestion and Refrigeration on the Ability of *Trichinella spiralis* to Infect Rats ... 394
Rozeboom, Lloyd E. and W. H. M. Komp. Three New Species of *Culex* (Diptera: Culicidae) from Colombia ... 396
Goodchild, Chauncey G. Additional Observations of the Bionomics and Life History of *Gorgoderia amplicava* Looss, 1899 (Trematoda: Gorgoderidae) ... 407
Cort, W. W., D. J. Ameel, and Anne Van Der Woude. Studies on Germinal Development in Rediae of the Trematode Order Fasciolatoidea Szidat, 1936 ... 428
Research Notes.
Lincicome, David Richard. A Note on the Nematode Genus *Pseudophysaloptera* 452
Abdel-Malek, Albert and Edward A. Steinhaus. Invasion Route of *Nosema* sp. in the Potato Tuberworm, as Determined by Ligaturing ... 452
American Society of Parasitologists.
Preliminary Announcement of the 23rd Annual Meeting, December 5 to 8, 1948, New Orleans, Louisiana ... 454
Housing Accommodations for the Meeting ... 455

DECEMBER, 1948, NUMBER 6, SECTION 1*

Philip, Cornelius B. Observations on Experimental Q Fever ... 457
Brennan, James M. New North American Chiggers (Acarina: Trombiculidae) ... 465
Riser, Nathan W. *Amphilina bipunctata* n. sp., a North American Cestodarian ... 479
Levine, Norman D. *Eimeria* and *Isospora* of the Mink (*Mustela vison*) ... 486
Hollis, Edgar H. and Coit M. Coker. A Trematode Parasite of the Genus *Clinostomum* New to the Shad, *Alosa sapidissima* ... 493
Daniel, George E. Observations on the pH of a Culture Medium and on Cultures of *Trichomonas foetus* ... 496
Strandtmann, R. W. The Mesostigmatic Nasal Mites of Birds. I. Two New Genera from Shore and Marsh Birds ... 505
Bequaert, Joseph C. In Memoriam: Richard Pearson Strong, M.D., Hon. Sc.D. (1872–1948) ... 515
Books and Monographs Received ... 518
Index for Volume 34, Numbers 1–6 ... 519
Index for December Supplement ... 524

DECEMBER SUPPLEMENT, 1948, NO. 6, SECTION 2

American Society of Parasitologists.
Program 23rd Annual Meeting, New Orleans, Louisiana, December 5–8, 1948 ... 1
Author Index ... 9
Abstracts ... 11
Officers ... 39
In Memoriam ... 42
List of Members Elected Since November 1, 1947 ... 43

* This issue constitutes Section 1 of Number 6, Volume 34. Section 2, issued separately, contains the Program and Abstracts of the 23rd annual meeting of the American Society of Parasitologists.